**5.9.6 Characteristics of Commercial Distributed Generating Technologies, by Plant Type as of 2006**

| | Efficiency (HHV) | | Installed Capital Costs of Typical DG Technologies | | | Service |
|---|---|---|---|---|---|---|
| | | Electrical | Price | Size | Cost | Life |
| New Plant Type | Electrical | + Thermal | ($2009 per kW) | (kW) | ($2009 thousand) | (years) |
| Solar Photovoltaic | 0.16 | N.A. | 6,999 | 25 | 175 | 30 |
| Fuel Cell | 0.36 | 0.72 | 6,066 | 200 | 1,213 | 20 |
| Natural Gas Engine | 0.32 | 0.77 | 1,318 | 200 | 264 | 20 |
| Oil-Fired Engine | 0.31 | 0.82 | 1,446 | 200 | 289 | 20 |
| Natural Gas Turbine | 0.23 | 0.66 | 2,110 | 1000 | 2,110 | 20 |
| Natural Gas Microturbine | 0.30 | 0.63 | 1,890 | 200 | 378 | 20 |

Source(s): Discovery Insights, Final Report: Commercial and Industrial CHP Technology Cost and Performance Data Analysis for EIA's NEMS, Jan. 2006, Table 7, p. 12; and EIA, Annual Energy Review 2009, Aug. 2010, Appendix D, p. 383.